

CLAIM AMENDMENTS

Please replace the pending claims with the following claim listing:

1-9. (Cancelled)

10. (New) A pulmonary evaluation device comprising:

an item worn over the user's body for following body movements caused by the user's lung operation;

a sensor for sensing fluctuations in a user's lung operation; and

a feedback, driven by said sensor, for determining successive values representative of the user's lung fluctuations and for translating said values into appropriate lung-evaluating information;

wherein the item has at least one chamber formed between one inner wall and at least one outer wall, said at least one chamber is so sized and shaped to span the entire lung region of the user's body, whereby as the user's body displaces due to respiration said at least one inner wall follows the displacement and said sensor senses the pressure within said at least one chamber.

11 (New) A device according to claim 10, wherein at least one chamber contains a gas.

12. (New) A device according to claim 11, comprising a seal for sealing said at least one chamber; whereby the volume of gas contained by said at least one chamber remains constant and as the body displaces during respiration, a measurable change in internal chamber pressure occurs as the chambers' wall displaces.

13. (New) A device according to claim 10, incorporating an array of chambers locating a chamber over a separate region of the user's lung.

14. (New) A device according to claim 10, wherein
said at least one inner wall is substantially resilient and
said at least one outer wall is substantially rigid in relation to said inner wall;
whereby the inner wall may follow, in use, the movement caused by the user's
lung operation whilst the outer wall remains substantially rigid.